

best of the papayas that have been grown at the experiment station, for, although small, its qualities of texture and flavor give it first rank." (Report of the Hawaii Agricultural Experiment Station, 1919, p. 28.)

Cassia nodosa (Caesalpiniaceae), 52797. From Honolulu, Hawaii. Seeds presented by Mr. Harold L. Lyon, in charge, Department of Botany and Forestry. A moderate-sized tree, native to eastern Bengal and Malaya, very beautiful when bearing its profusion of bright pink, rose-scented flowers during May and June. The cylindric pods are 12 to 15 inches long. The tree is deciduous in dry weather. (Adapted from Macmillan, Handbook of Tropical Gardening and Planting, p. 294.)

Citrus grandis (Rutaceae), 53611. From Guayaquil, Ecuador. Seeds presented by Mr. Frederick W. Goding, American consul general. "A native Ecuadorian fruit, known locally as 'toranja,' which has the appearance of a mammoth orange nearly as large as a medium-sized human head. The arrangement of the interior of the fruit resembles that of the orange, but the color is salmon, and the taste an acid bitter, similar to but more pronounced than that of the ordinary grapefruit, for which it is being used as a substitute in Ecuador.

"Were this fruit properly cultivated, so as to lessen the coarseness of its pulp, it would be prized as a food; it would present an attractive appearance on the table." (Goding.)

Dioscorea pentaphylla (Dioscoreaceae), 52876. **Yam.** From Aulnay-Sous, France. Tubers presented by Prof. R. deNoter, director, Ecole d'Acclimatation et de Vulgarisation. Variety "Wortorum."

"'Ignose ronde de Chine' (round yam of China). The tubers made the first season, from plants grown from 'eyes' dug and replanted, weigh 1 1/2 kg. (3 lbs.) each; the second year the tuber may weigh 4 to 5 kg. (8 to 11 lbs.). The plant requires light sandy clay or, better, calcareous, richly fertilized soil. The tubers are gathered at the first frost and stored in the cellar. Two years' storage does not injure but improves the tubers. The round yam of China is an excellent vegetable of delicate flavor and makes delicious fritters, cakes, and soufflés. The leaves, after the harvest, are used as cattle feed." (deNoter.)